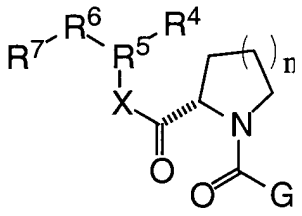
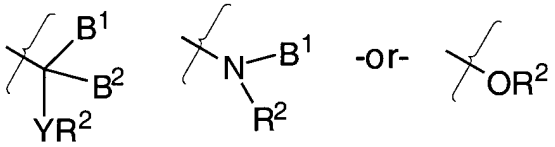
2 (new). A compound of the formula:



wherein

G is:



B^1 and **B^2** are the same or different and are each independently H or a substituted or unsubstituted aliphatic, heteroaliphatic, aryl or heteroaryl moiety;

X is O, NH or CH_2;

R^2 is a substituted or unsubstituted aliphatic, heteroaliphatic, aryl or heteroaryl moiety;

R^4 is H, a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated, aliphatic or heteroaliphatic group or a substituted or unsubstituted aryl or heteroaryl group;

R^5 is a substituted or unsubstituted, aliphatic moiety of 1 to 8 carbon atoms which may be branched, unbranched or cyclic;

R^6 is a substituted or unsubstituted aliphatic, heteroaliphatic, heterocylic, aryl or heteroaryl moiety; and

R^7 is H or $-(CH_2)_mCH=CH_2$, $-(CH_2)_mCOOH$, $-(CH_2)_mCHO$, $-(CH_2)_mOH$, $-(CH_2)_mSH$, $-(CH_2)_mNH_2-$ or $-(CH_2)_mNH(alkyl)$, where m is 0, 1, 2, 3 or 4 and n is 0 or 1.

B1 cont.

3 (new). The compound of claim 2 in which one or more of $\mathbf{B^1}$, $\mathbf{B^2}$ and $\mathbf{R^2}$ are branched, unbranched or cyclic, saturated or unsaturated, aliphatic moieties which may be substituted or unsubstituted.

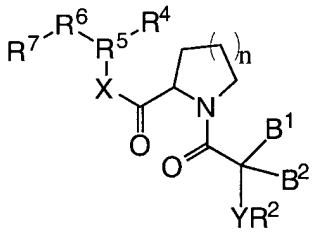
4 (new). The compound of claim 3 in which one or more of $\mathbf{B^1}$, $\mathbf{B^2}$ and $\mathbf{R^2}$ are methyl, ethyl, n-propyl, isopropyl, cyclopropyl, -CH_2-cyclopropyl, allyl, n-butyl, sec-butyl, isobutyl, tert-butyl, cyclobutyl, -CH_2-cyclobutyl, n-pentyl, sec-pentyl, isopentyl, tert-pentyl, cyclopentyl, -CH_2-cyclopentyl, n-hexyl, sec-hexyl, cyclohexyl or -CH_2-cyclohexyl group.

5 (new). The compound of claim 4 in which the group is substituted with –OH; -C=O; -COOH; CHO; allyl; or a substituted or unsubstituted amine, amide, urea or carbamate; an ether or thio-ether (in either case, aliphatic or aromatic); or an aryl or heteroaryl moiety; and may optionally contain a heteroatom in place of one or more CH_2 or CH units.

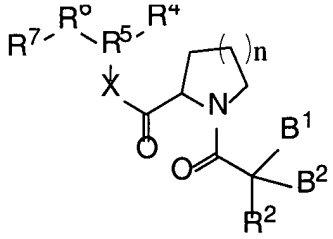
6 (new). The compound of claim 2 in which one or more of $\mathbf{B^1}$, $\mathbf{B^2}$ and $\mathbf{R^2}$ comprises a substituted or unsubstituted aryl moiety.

7 (new). The compound of claim 6 in which the aryl moiety is a mono-, di- and tri-alkoxyphenyl; methylenedioxyphenyl or ethylenedioxyphenyl; halophenyl; or –phenyl–$C(Me)_2CH_2O$-CO-[C3-C6] alkyl or alkylamino).

8 (new). The compound of any of claims 2 - 7 of the formula:



9 (new). The compound of claim 8 of the formula:

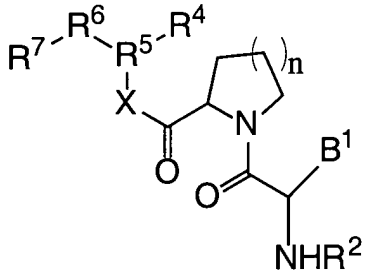


B' cont.

10 (new). The compound of claim 8 in which B^1 is H; B^2 is a branched, unbranched or cyclic, saturated or unsaturated, aliphatic moiety which may optionally contain a heteroatom in place of one or more $-CH_2-$ or CH units; and YR^2 is a substituted aryl or heteroaryl moiety.

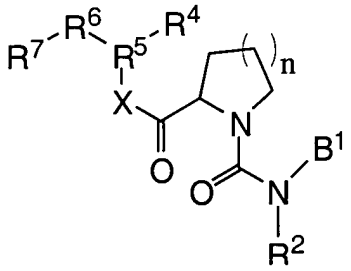
11 (new). The compound of claim 8 in which B^1, B^2 and YR^2 are the same or different C1-C8 aliphatic moieties.

12 (new). The compound of claim 8 of the formula



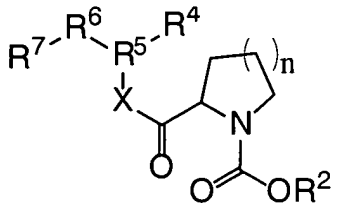
or an N-alkyl, N-acyl, N-aryl or N-aroyl derivative thereof.

13 (new). The compound of any of claims 2 – 7 of the formula:



14 (new). The compound of claim 13 in which B^1 is H and R^2 is a C1-C8 aliphatic moiety.

15 (new). The compound of any of claims 2 – 7 of the formula:



B' cont

16 (new). The compound of any of claims 2 - 7in which **G** is a substituted or unsubstituted alicyclic moiety.

17 (new). The compound of any of claims 2 - 7in which **G** is a substituted or unsubstituted heterocyclic moiety

18 (new). The compound of claim 2 in which $\mathbf{R^4}$ is a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated aliphatic moiety.

19 (new). The compound of any of claim 2 in which $\mathbf{R^4}$ is a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated heteroaliphatic moiety.

20 (new). The compound of claim 2 in which $\mathbf{R^4}$ is a heterocyclic moiety.

21 (new). The compound of claim 2 in which $\mathbf{R^4}$ is a substituted or unsubstituted aryl or heteroaryl moiety.

22 (new). The compound of claim 21 in which $\mathbf{R^4}$ is an aryl or heteroaryl moiety bearing up to five substituents selected from the group consisting of hydroxy, C1-C8 alkoxy, branched or straight-chain alkyl, acyl, acyloxy, carbamoyl, amino, N-acylamino, nitro, halo, trihalomethyl, cyano, and carboxyl, $-SO_2NH_2$, $-SO_2NH$(aliphatic), $-SO_2N$(aliphatic)$_2$, -O-aliphatic-COOH, -O-aliphatic-NH_2 (which may contain one or two N-aliphatic or N-acyl substituents).

23 (new). The compound of claim 22 in which $\mathbf{R^4}$ comprises an o-, m- and/or p- substituted phenyl comprising one or more halo, lower alkyl, or alkoxy substituents.

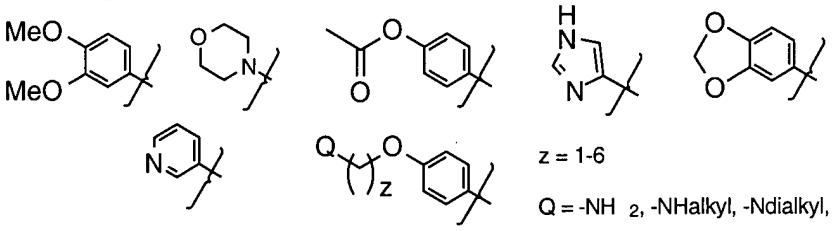
24 (new). The compound of any of claims 2 – 7 or 18 – 23 in which $\mathbf{R^4}$ comprises a disubstituted phenyl moiety.

25 (new). The compound of any of claims 2 – 7 or 18 – 23 in which $\mathbf{R^4}$ comprises a 2,4-dialkoxy, 3,4-dialkoxy, 3,5-dialkoxy- or alkylenedioxyphenyl moiety, or a trialkoxyphenyl moiety.

B1 cont

26 (new). The compound of any of claims 2 – 7 or 18 – 23 in which the alkoxy moieties are independently selected from branched, unbranched and cyclic C1-C6 alkoxy moieties.

27 (new). The compound of any of claims 2 – 7 or 18 – 23 in which **R^4** comprises a moiety selected from the group consisting of:



z = 1-6

Q = -NH_2, -NHalkyl, -Ndialkyl, -COOH, or -OH

28 (new). The compound of any of claims 2 – 7 or 18 – 23, wherein R^5 is a branched, unbranched or cyclic aliphatic moiety of 1 to 8 carbon atoms, which may be optionally substituted.

29 (new). The compound of claim 27, wherein R^5 is a branched, unbranched or cyclic aliphatic moiety of 1 to 8 carbon atoms, which may be optionally substituted.

30 (new). The compound of claim 28 in which **R^5** is -CH-, -$CHCH_2$-, -CH_2CH-, -$CHCH_2CH_2$-, -CH_2CHCH_2-,-$CH(CH_3)$-CH_2-CH, -$CH(CH_2CH_3)$-CH_2-CH, -CH_2CH_2CH-, or-$C(CH_3)CH_2$-.

31 (new). The compound of claim 29 in which **R^5** is -CH-, -$CHCH_2$-, -CH_2CH-, -$CHCH_2CH_2$-, -CH_2CHCH_2-,-$CH(CH_3)$-CH_2-CH, -$CH(CH_2CH_3)$-CH_2-CH, -CH_2CH_2CH-, or-$C(CH_3)CH_2$-.

32 (new). The compound of claim 28 wherein X is oxygen, and **R^5** is a branched or unbranched C1-C8 aliphatic group.

33 (new). The compound of claim 29 wherein X is oxygen, and **R^5** is a branched or unbranched C1-C8 aliphatic group.

34 (new). The compound of claim 32 wherein **YR^2** comprises a substituted or unsubstituted aryl or heteroaryl moiety.

35 (new). The compound of claim 33 wherein **YR^2** comprises a substituted or unsubstituted aryl or heteroaryl moiety.

B1 cont.

36 (new). The compound of any of claims 2 – 7 or 18 – 23 in which **X** is O, and **R^6** comprises a branched, unbranched or cyclic, saturated or unsaturated, C1-C8, aliphatic or heteroaliphatic moiety.

37 (new). The compound of claim 28 in which **X** is O, and **R^6** comprises a branched, unbranched or cyclic, saturated or unsaturated, C1-C8, aliphatic or heteroaliphatic moiety.

38 (new). The compound of any of claims 2 – 7 or 18 – 23 in which R^7 is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH2$, $-(CH_2)_z-NH$-alkyl, $-(CH_2)_z-SH$, where z is an integer from 0 through 4.

39 (new). The compound of claim 36 in which R^7 is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH2$, $-(CH_2)_z-NH$-alkyl, $-(CH_2)_z-SH$, where z is an integer from 0 through 4.

40 (new). The compound of claim 37 in which R^7 is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH2$, $-(CH_2)_z-NH$-alkyl, $-(CH_2)_z-SH$, where z is an integer from 0 through 4.

41 (new). A compound of any of claims 2 – 7 or 18 – 23 in which two or more of B^1, B^2 and R^2 are covalently linked to form a C3-C7 cyclic or heterocyclic moiety.

42 (new). A compound of any of claims 2 – 7 or 18 – 23 in which n is 1.

43 (new). A compound of any of claims 2 – 7 or 18 – 23 in which n is 2.